

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/001974

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 C02F 1/44**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for invention since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS, Delphion, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2002-022634 A(BEST WORLD INDUSTRY) 27. MAR. 2002 SEE THE WHOLE DOCUMENT	1
A	JP 09-271757 A(KANEGAFUCHI CHEM IND CO LTD) 21. OCT. 1997 SEE THE WHOLE DOCUMENT	1
A	US 2003-141234 A(Yi-Yu Chien) 31. JAN. 2003 SEE THE WHOLE DOCUMENT	1
A	KR 1996-008284 U(KIM JONG KIL) 14. FEB. 1996 SEE THE WHOLE DOCUMENT	1
A	JP 11-221572 A(YANO SEISUKE, TANAKA KUNIHARU) 17. AUG. 1999 SEE THE WHOLE DOCUMENT	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

28 SEPTEMBER 2005 (28.09.2005)

Date of mailing of the international search report

**29 SEPTEMBER 2005 (29.09.2005)**

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2005/001974

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP09271757	21.10.1997	JP09271757 JP9271757A2	21.10.1997 21.10.1997
US20030141234A1	31.07.2003	US2003141234AA	31.07.2003
KR1020020022634	27.03.2002	KR2002022634A	27.03.2002
JP11221572	17.08.1999	JP11221572A2 JP11221572	17.08.1999 17.08.1999